

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/012301

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> G01J3/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> G01J3/00-3/52, G01N21/00-21/61

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

JICST FILE (JOIS), Web of Science

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	UEMURA, N. "Windows-based line-by-line radiative transfer computation using Mathcad", [online], ASSFTS 11 workshop, October 2003 [retrieved on 13 September, 2004 (13.09.04)] Retrieved from the Internet: <URL:http://www-imk.fzk.de/asf/ame/assfts/P_I_8_Uemura_N.pdf>	1-15
A	JP 2001-506753 A (UNIVERSITY OF WOLLONGONG), 22 May, 2001 (22.05.01), Page 17, line 6 to page 23, line 25 & WO 98/27416 A1 & US 5838008 A & CA 2194110 A	1,13

 Further documents are listed in the continuation of Box C. See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
13 September, 2004 (13.09.04)Date of mailing of the international search report  
28 September, 2004 (28.09.04)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

**INTERNATIONAL SEARCH REPORT**International application No.  
PCT/JP2004/012301**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	de Mul, F.F.M. et al., "The MCGA (Multiple Cubic Gradient Approximation) Method for the Analysis of Raman Spectra", JOURNAL OF RAMAN SPECTROSCOPY, Vol.21, No.11, 1990, pages 725 to 736	1,13

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